



04-05-07

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PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

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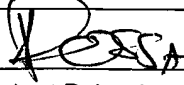
Total Number of Pages in This Submission

Application Number	10/622,158-Conf. #1910
Filing Date	July 16, 2003
First Named Inventor	Sathyanarayanan N. Kavacheri
Art Unit	2192
Examiner Name	T. C. Dao
Attorney Docket Number	03226/512001; SUN030090

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): IDS Citation by Applicant w/39 references) Return Receipt Postcard
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	OSHA · LIANG LLP		
Signature	 #20031 ALY DOSSA		
Printed name	Robert P. Lord		
Date	April 4, 2007	Reg. No.	46,479



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<b>Effective on 12/08/2004.</b> Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2007</b>		Application Number	10/622,158-Conf. #1910
		Filing Date	July 16, 2003
		First Named Inventor	Sathyanarayanan N. Kavacheri
		Examiner Name	T. C. Dao
		Art Unit	2192
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	03226/512001; SUN030090
<b>TOTAL AMOUNT OF PAYMENT</b>		<b>(\$)</b>	<b>180.00</b>

**METHOD OF PAYMENT** (check all that apply)

☐ Check    ☒ Credit Card    ☐ Money Order    ☐ None    ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account    Deposit Account Number: 50-0591    Deposit Account Name: Osha · Liang LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below    ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17    ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims**    **Extra Claims**    **Fee (\$)**    **Fee Paid (\$)**

21 - 23 = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims**    **Extra Claims**    **Fee (\$)**    **Fee Paid (\$)**

3 - 3 = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**Multiple Dependent Claims**

**Fee (\$)**    **Fee Paid (\$)**

\_\_\_\_\_

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets**    **Extra Sheets**    **Number of each additional 50 or fraction thereof**    **Fee (\$)**    **Fee Paid (\$)**

\_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement    **180.00**

<b>SUBMITTED BY</b>			
Signature	<u>Robert P. Lord</u>	Registration No. (Attorney/Agent)	46,479
Name (Print/Type)	Robert P. Lord	Telephone	(713) 228-8600
		Date	April 4, 2007



Application No. (if known): 10/622,158

Attorney Docket No.: 03226/512001; SUN030090

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EM026013695US in an envelope addressed to:

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on April 4, 2004  
Date

*Brenda C. McFadden*

Signature

Brenda C. McFadden

Typed or printed name of person signing Certificate

Registration Number, if applicable

(713) 228-8600

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal (1 page)  
Information Disclosure Statement (2 pages)  
IDS (Citation) by Applicant (39 References) (2 pages)  
Fee Transmittal (1 page)  
Payment by credit card. Form PTO-2038 is attached (1 page)  
Charge \$180.00 to credit card



Docket No.: 03226/512001;  
SUN030090  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Sathyanarayanan N. Kavacheri et al.

Application No.: 10/622,158

Confirmation No.: 1910

Filed: July 16, 2003

Art Unit: 2192

For: **EXTENSIBLE CUSTOMIZABLE  
STRUCTURED AND MANAGED CLIENT  
DATA STORAGE**

Examiner: T. C. Dao

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

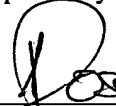
In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0591, under Order No. 03226/512001; SUN030090.

Dated: April 4, 2007

Respectfully submitted,

By  ALY Desser # 20031  
Robert P. Lord  
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1221 McKinney St., Suite 2800  
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PTO/SB/08A/B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/622,158- Conf. #1910
				Filing Date	July 16, 2003
				First Named Inventor	Sathyanarayanan N. Kavacheri
				Art Unit	2192
				Examiner Name	Thuy Chan Dao
Sheet	1	of	2	Attorney Docket Number	03226/512001; SUN030090

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-6,580,914	06-17-2003	Smith	
	AB	US-6,742,047	05-25-2004	Tso	
	AC	US-2002/0103935	08-01-2002	Fishman et al.	
	AD	US-2002/0103936	08-01-2002	Jano et al.	
	AE	US-2002/0002625	01-03-2002	Vange et al.	
	AF	US-2002/0156833	10-24-2002	Maurya et al.	
	AG	US-2002/0177453	11-28-2002	Chen et al.	
	AH	US-7,092,998	08-15-2006	Frietas et al.	
	AI	US-6,167,441	12-26-2000	Himmel	
	AJ	US-6,741,853	5-25-2004	Jiang et al.	
	AK	US-2001/0047477 A1	11-29-2001	Chiang	
	AL	US-6,317,781 B1	11-13-2001	De Boor et al.	
	AM	US-5,764,915 A	06-09-1998	Heimsoth et al.	
	AN	US-6,430,624 B1	08-06-2002	Jamtgaard et al.	
	AO	US-2003/0027581 A1	02-06-2003	Jokinen et al.	
	AP	US-6,336,137 B1	01-01-2002	Lee et al.	
	AQ	US-6,609,150 B2	08-19-2003	Lee et al.	
	AR	US-2001/0044835 A1	11-22-2001	Schober et al.	
	AS	US-6,505,228 B1	01-07-2003	Schoening et al.	
	AT	US-6,243,662 B1	06-05-2001	Hashimoto	
	AU	US-2002/0068554 A1	06-06-2002	Dusse	
	AV	US-6,397,259 B1	05-28-2002	Lincke et al.	
	AW	US-6,226,788 B1	05-01-2001	Schoening et al.	
	AX	US-6,704,768 B1	03-15-2004	Zombek et al.	
	AY	US-2002/0160745 A1	10-31-2002	Wang	
	AZ	US-6,574,678 B1	06-03-2003	Nykanen et al.	
	A1	US-6,249,252 B1	06-19-2001	Dupray	
	A2	US-2002/0078367 A1	06-20-2002	Lang et al.	
	A3	US-6,775,687 B1	08-10-2004	Binding et al.	
	A4	US-2004/0218045 A1	11-04-2004	Bodnar et al.	
	A5	US-2002/0123334 A1	09-05-2002	Borger et al.	
	A6	US-2003/0065623 A1	04-03-2003	Cornell et al.	
	A7	US-2002/0087704 A1	07-04-2002	Chesnais et al.	
	A8	US-2002/0029296 A1	03-07-2002	Anuff et al.	
	A9	US-2003/0167298 A1	09-04-2003	Bazinet et al.	
	A10	US-2002/0194267 A1	12-19-2002	Flesner et al.	
	A11	US-2003/0065427 A1	04-03-2003	Funk et al.	
	A12	US-6,327,628	12-04-2001	Anuff et al.	
	A13	US-2004/0122915 A1	06-24-2004	Saare et al.	

Examiner Signature		Date Considered	
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete If Known</b>	
				Application Number	10/622,158- Conf. #1910
				Filing Date	July 16, 2003
				First Named Inventor	Sathyanarayanan N. Kavacheri
				Art Unit	2192
				Examiner Name	Thuy Chan Dao
Sheet	2	of	2	Attorney Docket Number	03226/512001; SUN030090

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature		Date Considered	
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